Received on 12/19/07

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b))	Attorney Docket No.	50318/013001
	Serial No.	10/577,973
	Applicant	Barbara Ensoli et al.
	Filing Date	May 3, 2006
	Group	~~1645~~ 1619
	IDS Filed	December 19, 2007

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
TK	5,723,218	03/03/98	Haugland et al.			
TK	6,183,658	02/06/01	Lesniak et al.			
TK	6,312,727	11/06/01	Schacht et al.			
TK	2003/0087436	05/08/03	Bayer			
TK	2004/0062815	04/01/04	Fricker et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	CZ 223295	03/15/86	CZ			
	DE 101 18 852	10/31/02	DE			
TK	WO 02/066574	08/29/02	WIPO			
TK	WO 03/064557	08/07/03	WIPO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
TK	Arbeloa et al., "Relations Between Photophysical and Lasing Properties of Rhodamines in Solid Polymeric Matrices," Appl. Phys. B 64:651-657, 1997.
	Arya et al., "*Trans*-Activator Gene of Human T-Lymphotropic Virus Type III (HTLV-III)," Science 229:69-73, 1985.
TK	Bertling et al., "Use of Liposomes, Viral Capsids, and Nanoparticles as DNA Carriers," Biotechnol. Appl. Biochem. 13:390-405, 1991.
TK	Bhalgat et al., "Green- and Red-Fluorescent Nanospheres for the Detection of Cell Surface Receptors by Flow Cytometry," J. Immunol. Methods 219:57-68, 1998.
TK	Caputo et al., "Constitutive Expression of HIV-1 *tat* Protein in Human Jurkat T Cells Using a BK Virus Vector," J. Acquir. Immune Defic. Syndr. 3:372-379, 1990.
TK	Chang et al., "HIV-1 Tat Protein Exits From Cells Via a Leaderless Secretory Pathway and Binds to Extracellular Matrix-Associated Heparan Sulfate Proteoglycans Through its Basic Region," Aids 11:1421-1431, 1997.

EXAMINER Tigabu Kassa	DATE CONSIDERED 6/20/09
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50318/013001
		Serial No.	10/577,973
		Applicant	Barbara Ensoli et al.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Filing Date	May 3, 2006
		Group	~~1615~~ 1619
(37 C.F.R. § 1.98(b))		IDS Filed	December 19, 2007

TK	Chang et al., "Regulation of Cellular Gene Expression and Function by the Human Immunodeficiency Virus Type 1 Tat Protein," J. Biomed. Sci. 2:189-202, 1995.
TK	Chavany et al., "Adsorption of Oligonucleotides onto Polyisohexylcyanoacrylate Nanoparticles Protects Them Against Nucleases and Increases Their Cellular Uptake," Pharm. Res. 11:1370-1378, 1994.
TK	Cochin et al., "Emulsion Polymerization of Styrene Using Conventional, Polymerizable, and Polymeric Surfactants. A Comparative Study," Macromolecules 30:2278-2287, 1997.
TK	Cortesi et al., "Gelatin Microspheres as a New Approach for the Controlled Delivery of Synthetic Oligonucleotides and PCR-Generated DNA Fragments," Int. J. Pharm. 105:181-186, 1994.
TK	Delair et al., "Synthesis and Characterization of Cationic Amino Functionalized Polystyrene Latexes," Colloid Polym. Sci. 272:962-970, 1994.
TK	Duracher et al., "Adsorption of Modified HIV-1 Capsid p24 Protein onto Thermosensitive and Cationic Core-Shell Poly(styrene)-Poly(*N*-isopropylacrylamide) Particles," Langmuir 16:9002-9008, 2000.
TK	Ensoli et al., "Release, Uptake, and Effects of Extracellular Human Immunodeficiency Virus Type 1 Tat Protein on Cell Growth and Viral Transactivation," J. Virol. 67:277-287, 1993.
TK	Ensoli et al., "Tat Protein of HIV-1 Stimulates Growth of Cells Derived From Kaposi's Sarcoma Lesions of AIDS Patients," Nature 345:84-86, 1990.
TK	Fanales-Belasio et al., "Native HIV-1 Tat Protein Targets Monocyte-Derived Dendritic Cells and Enhances Their Maturation, Function, and Antigen-Specific T Cell Responses," J. Immunol. 168:197-206, 2002.
TK	Godard et al., "Antisense Effects of Cholesterol-Oligodeoxynucleotide Conjugates Associated with Poly(alkylcyanoacrylate) Nanoparticles," Eur. J. Biochem. 232:404-410, 1995.
TK	Jiang et al., "Bioadhesive Fluorescent Microspheres as Visible Carriers for Local Delivery of Drugs. I: Preparation and Characterization of Insulin-Loaded PCEFB/PLGA Microspheres," J. Microencapsulation 19:451-461, 2002.
TK	Kazzaz et al., "Novel Anionic Microparticles are a Potent Adjuvant for the Induction of Cytotoxic T Lymphocytes Against Recombinant p55 Gag from HIV-1," J. Control. Release 67:347-356, 2000.
TK	Liu et al., "Synthesis of Monodisperse Polystyrene Microlatexes by Emulsion Polymerization Using a Polymerizable Surfactant," Langmuir 13:4988-4994, 1997.
TK	O'Hagan et al., "Induction of Potent Immune Responses by Cationic Microparticles with Adsorbed Human Immunodeficiency Virus DNA Vaccines," J. Virol. 75:9037-9043, 2001.
TK	Schoonbrood et al., "Reactive Surfactants in Heterophase Polymerization. 7. Emulsion Copolymerization Mechanism Involving Three Anionic Polymerizable Surfactants (Surfmers) with Styrene-Butyl Acrylate-Acrylic Acid," Macromolecules 30:6024-6033, 1997.

EXAMINER Tigabu Kassa	DATE CONSIDERED 6/20/09

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50318/013001
	Serial No.	10/577,973
	Applicant	Barbara Ensoli et al.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Filing Date	May 3, 2006
	Group	~~1615~~ 1619
(37 C.F.R. § 1.98(b))	IDS Filed	December 19, 2007

TK	Singh et al., "Cationic Microparticles: A Potent Delivery System for DNA Vaccines," Proc. Natl. Acad. Sci. U.S.A. 97:811-816, 2000.
TK	Wittmershaus et al., "Spectral Properties of Single BODIPY Dyes in Polystyrene Microspheres and in Solutions," J. Fluorescence 11:119-128, 2001.
TK	Wright et al., "Expression and Characterization of the *Trans*-Activator of HTLV-III/LAV Virus," Science 234:988-992, 1986.
TK	Wu et al., "A Simple Structural Model for the Polymer Microsphere Stabilized by the Poly(ethylene oxide) Macromonomers Grafted on Its Surface," Macromolecules 30:2187-2189, 1997.
TK	Xu et al., "Synthesis of Polymerizable Anionic Surfactants and Their Emulsion Copolymerization with Styrene," Langmuir 17:6077-6085, 2001.
TK	"Enteric Coatings-pH Control with EUDRAGIT®," downloaded from www.roehm.com.
TK	"Protective and Insulating Coatings," downloaded from www.roehm.com.
TK	"Specifications and Test Methods for EUDRAGIT® E 100, EUDRAGIT® E PO and EUDRAGIT® E 12,5," downloaded from www.rohmasia.com.
TK	International Preliminary Report on Patentability from International Application No. PCT/EP2004/012420, dated May 8, 2006.

EXAMINER Tigabu Kassa	DATE CONSIDERED 6/20/09
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	